

**Electronic Filing System (EFS) Data**  
**Electronic Patent Application Submission**  
**USPTO Use Only**

EFS ID: 15275  
Application ID: 10063830  
Title of Invention: THERMOPLASTIC POLYMER  
EXTRUSION BENDING  
First Named Inventor: Arthur Goldman  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-05-16  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 13249  
Digital Certificate Holder: cn=R. Wayne Pritchard, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: MFhiZG4KnNibLmrSATmo0g==  
Total Fees Authorized: \$780.0  
Payment Category: DA - Deposit Account  
Deposit Account Number: 90025  
Deposit Account Name: R. Wayne Pritchard



# TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility Patent  
Filing

Attorney Docket  
Number:

13249



## THERMOPLASTIC POLYMER EXTRUSION BENDING

First Named Inventor: Mr. Arthur S. Goldman

### SUBMITTED BY

Name: Mr. R. Wayne Pritchard  
Registration Number: 34,903  
Electronic Signature Mark: /rwp/ Date Signed: 20020516

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

declaration	ITW13249Decp1.tif
declaration	ITW13249Decp2.tif
bibd-transmittal	ITW13249apds.xml
patent-assignments	ITW13249asgn.xml

specification  
fee-transmittal

ltw13249.xml  
ITW13249fee.xml

Attached Image File(s):

ITW13249Decp1.tif  
ITW13249Decp2.tif

ITW13249Decp1.tif  
ITW13249Decp2.tif

**Comments:**

Species	Sex	Age	Weight (g)	Length (mm)	Wing (mm)	Tail (mm)	Bill (mm)	Foot (mm)	Claw (mm)	Sex	Age	Weight (g)	Length (mm)	Wing (mm)	Tail (mm)	Bill (mm)	Foot (mm)	Claw (mm)
Black Duck	♂	Ad	1,200	210	110	100	15	25	10	♀	Ad	1,100	200	100	90	14	24	9
Black Duck	♂	Ad	1,300	220	120	110	16	26	11	♀	Ad	1,200	210	110	100	15	25	10
Black Duck	♂	Ad	1,400	230	130	120	17	27	12	♀	Ad	1,300	220	120	110	16	26	11
Black Duck	♂	Ad	1,500	240	140	130	18	28	13	♀	Ad	1,400	230	130	120	17	27	12
Black Duck	♂	Ad	1,600	250	150	140	19	29	14	♀	Ad	1,500	240	140	130	18	28	13
Black Duck	♂	Ad	1,700	260	160	150	20	30	15	♀	Ad	1,600	250	150	140	19	29	14
Black Duck	♂	Ad	1,800	270	170	160	21	31	16	♀	Ad	1,700	260	160	150	20	30	15
Black Duck	♂	Ad	1,900	280	180	170	22	32	17	♀	Ad	1,800	270	170	160	21	31	16
Black Duck	♂	Ad	2,000	290	190	180	23	33	18	♀	Ad	1,900	280	180	170	22	32	17
Black Duck	♂	Ad	2,100	300	200	190	24	34	19	♀	Ad	2,000	290	190	180	23	33	18
Black Duck	♂	Ad	2,200	310	210	200	25	35	20	♀	Ad	2,100	300	200	190	24	34	19
Black Duck	♂	Ad	2,300	320	220	210	26	36	21	♀	Ad	2,200	310	210	200	25	35	20
Black Duck	♂	Ad	2,400	330	230	220	27	37	22	♀	Ad	2,300	320	220	210	26	36	21
Black Duck	♂	Ad	2,500	340	240	230	28	38	23	♀	Ad	2,400	330	230	220	27	37	22
Black Duck	♂	Ad	2,600	350	250	240	29	39	24	♀	Ad	2,500	340	240	230	28	38	23
Black Duck	♂	Ad	2,700	360	260	250	30	40	25	♀	Ad	2,600	350	250	240	29	39	24
Black Duck	♂	Ad	2,800	370	270	260	31	41	26	♀	Ad	2,700	360	260	250	30	40	25
Black Duck	♂	Ad	2,900	380	280	270	32	42	27	♀	Ad	2,800	370	270	260	31	41	26
Black Duck	♂	Ad	3,000	390	290	280	33	43	28	♀	Ad	2,900	380	280	270	32	42	27
Black Duck	♂	Ad	3,100	400	300	290	34	44	29	♀	Ad	3,000	390	290	280	33	43	28
Black Duck	♂	Ad	3,200	410	310	300	35	45	30	♀	Ad	3,100	400	300	290	34	44	29
Black Duck	♂	Ad	3,300	420	320	310	36	46	31	♀	Ad	3,200	410	310	300	35	45	30
Black Duck	♂	Ad	3,400	430	330	320	37	47	32	♀	Ad	3,300	420	320	310	36	46	31
Black Duck	♂	Ad	3,500	440														

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**COMBINED DECLARATION AND POWER OF ATTORNEY**

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,  
CONTINUATION, OR C-I-P)

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As a below named inventor, I hereby declare that:

**TYPE OF DECLARATION**

This declaration is for an original application.

**INVENTORSHIP IDENTIFICATION**

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am an original, first and joint inventor of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

**TITLE OF INVENTION**

THERMOPLASTIC POLYMER EXTRUSION BENDING

**SPECIFICATION IDENTIFICATION**

The specification is attached hereto.

**ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR**

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, Section 1.56, and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent.

**POWER OF ATTORNEY**

I hereby appoint the practitioner(s) associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

CUSTOMER NUMBER: 25103

SEND CORRESPONDENCE TO:

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254-207-2430

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

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# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 780**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 090025



Deposit Account Name: Illinois Tool Works Inc.

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

## SUBMITTED BY

Authorized Name: R. Wayne Pritchard

Electronic Signature Mark: /rwp/

Date Signed: 20020516

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 20	103	\$ 18	0	\$ 0
Independent Claims: 2	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40